

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1-11 (Cancelled).

Claim 12 (Previously amended): An apparatus for presenting grain for NIR spectography examination, comprising,
an overhead grain compartment having a lower grain discharge port,
a closeable valve on the discharge port,
a downwardly extending grain channel located below the discharge port and adapted to receive grain from the overhead compartment when the valve is open,
the channel including a sloping presentation surface,
the sloping surface is comprised of a transparent material,
an adjustable baffle in the channel adapted to direct a curtain of grain of uniform thickness from the overhead compartment into engagement with the sloping presentation surface,
the channel having a discharge opening at a lower end,
and an NIR spectography apparatus associated with the presentation surface and including an optic system to direct light at a substantial right angle with respect to the direction of flow of the curtain of grain over the presentation surface for analysis of the microconstituents within the grain comprising the curtain of grain.

Claim 13 (Cancelled).

Claim 14 (Previously amended): An apparatus for presenting grain for NIR spectography examination, comprising,
an overhead grain compartment having a lower grain discharge port,
a closeable valve on the discharge port,
a downwardly extending grain channel located below the discharge port and adapted to receive grain from the overhead compartment when the valve is open,
the channel including a sloping presentation surface,
an adjustable baffle in the channel adapted to direct a curtain of grain of uniform thickness from the overhead compartment into engagement with the sloping presentation surface,
the channel having a discharge opening at a lower end,
an NIR spectography apparatus associated with the presentation surface and including an optic system to direct light at a substantial right angle with respect to the direction of flow of the curtain of grain over the presentation surface for analysis of the microconstituents within the grain comprising the curtain of grain, and
the optics of the NIR spectography system is located within the sloping surface and is in communication with the channel so as to be in direct contact with a curtain of grain moving over the sloping surface.

Claim 15 (Currently amended): An apparatus for presenting grain for NIR spectography examination, comprising,
an overhead grain compartment having a lower grain discharge port,
a closeable valve on the discharge port,

a downwardly extending grain channel located below the
discharge port and adapted to receive grain from the
overhead compartment when the valve is open,
the channel including a fixed sloping presentation surface,
~~The apparatus of claim 7 wherein the sloping surface is~~
comprised of a transparent material,
an adjustable baffle in the channel adapted to direct a
curtain of grain of uniform thickness from the overhead
compartment into engagement with the sloping
presentation surface,
the channel having a discharge opening at a lower end,
and an NIR spectography apparatus associated with the
presentation surface and including an optic system to
direct light at a substantial right angle with respect
to the direction of flow of the curtain of grain over
the presentation surface for analysis of the
microconstituents within the grain comprising the
curtain of grain.

Claim 16 (Currently amended): The apparatus of claim ~~7~~15
wherein the optics of the NIR spectography system is located
within the sloping surface and is in communication with the
channel so as to be in direct contact with a curtain of grain
moving over the sloping surface.